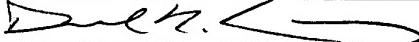


<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>	
<i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	
APPLICATION ELEMENTS	
See MPEP chapter 600 concerning utility patent application contents.	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27.</i> 3. <input checked="" type="checkbox"/> Specification [Total Pages 22] <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (<i>if filed</i>)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 9] 5. Oath or Declaration [Total Pages 1]	
a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> <i>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</i> 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)    of prior application No.: _____ / _____ Prior application information:    Examiner _____    Group / Art Unit: _____	

7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:           <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies; or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statements verifying identity of above copies</li> </ul>	
U.S. PTO 10/782819	
<b>ACCOMPANYING APPLICATION PARTS</b> <ul style="list-style-type: none"> <li>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</li> <li>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement    <input type="checkbox"/> Power of Attorney</li> <li>11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</li> <li>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449    <input checked="" type="checkbox"/> Copies of IDS Citations</li> <li>13. <input type="checkbox"/> Preliminary Amendment</li> <li>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)  <i>(Should be specifically itemized)</i></li> <li>15. <input type="checkbox"/> Certified Copy of Priority Document(s)</li> <li>16. <input type="checkbox"/> Nonpublication request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</li> <li>17. <input type="checkbox"/> Other: _____</li> </ul>	
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.	

<b>19. CORRESPONDENCE ADDRESS</b>			
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		22204	<input type="checkbox"/> Correspondence address below <i>(Insert Customer No. or Attach bar code label here)</i>
Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	
Name (Print/Type)	Donald R. Studebaker	Registration No. (Attorney/Agent)	32,815
Signature			Date    February 23, 2004

# FEE TRANSMITTAL FOR FY 2003

*Patent fees are subject to annual revision.*

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** \$810.00

<i>Complete if Known</i>	
Application Number	New Application
Filing Date	February 23, 2004
First Named Inventor	Hahkkyu KIM
Examiner Name	
Art Unit	

Attorney Docket No. **032758-5**

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)																																																																																																	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None				<b>3. ADDITIONAL FEES</b>																																																																																																	
<input checked="" type="checkbox"/> Deposit Account: Deposit Account Number <b>19-2380 (032758-5)</b>				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee Description</th> </tr> </thead> <tbody> <tr><td>Fee Code</td><td>Fee Code</td><td>Fee (\$)</td></tr> <tr><td>1051</td><td>2051</td><td>65</td></tr> <tr><td>1052</td><td>2052</td><td>25</td></tr> <tr><td>1053</td><td>1053</td><td>130</td></tr> <tr><td>1812</td><td>1812</td><td>2,520</td></tr> <tr><td>1804</td><td>1804</td><td>920*</td></tr> <tr><td>1805</td><td>1805</td><td>1,840*</td></tr> <tr><td>1251</td><td>2251</td><td>55</td></tr> <tr><td>1252</td><td>2252</td><td>210</td></tr> <tr><td>1253</td><td>2253</td><td>475</td></tr> <tr><td>1254</td><td>2254</td><td>740</td></tr> <tr><td>1255</td><td>2255</td><td>1,005</td></tr> <tr><td>1401</td><td>2401</td><td>165</td></tr> <tr><td>1402</td><td>2402</td><td>165</td></tr> <tr><td>1403</td><td>2403</td><td>145</td></tr> <tr><td>1451</td><td>1451</td><td>1,510</td></tr> <tr><td>1452</td><td>2452</td><td>55</td></tr> <tr><td>1453</td><td>2453</td><td>665</td></tr> <tr><td>1501</td><td>2501</td><td>665</td></tr> <tr><td>1502</td><td>2502</td><td>240</td></tr> <tr><td>1503</td><td>2503</td><td>320</td></tr> <tr><td>1460</td><td>1460</td><td>130</td></tr> <tr><td>1807</td><td>1807</td><td>50</td></tr> <tr><td>1806</td><td>1806</td><td>180</td></tr> <tr><td>8021</td><td>8021</td><td>40</td></tr> <tr><td>1809</td><td>2809</td><td>385</td></tr> <tr><td>1810</td><td>2810</td><td>385</td></tr> <tr><td>1801</td><td>2801</td><td>385</td></tr> <tr><td>1802</td><td>1802</td><td>900</td></tr> <tr><td colspan="3" style="text-align: right;">Other fee (specify) _____</td><td></td></tr> </tbody> </table>				Large Entity	Small Entity	Fee Description	Fee Code	Fee Code	Fee (\$)	1051	2051	65	1052	2052	25	1053	1053	130	1812	1812	2,520	1804	1804	920*	1805	1805	1,840*	1251	2251	55	1252	2252	210	1253	2253	475	1254	2254	740	1255	2255	1,005	1401	2401	165	1402	2402	165	1403	2403	145	1451	1451	1,510	1452	2452	55	1453	2453	665	1501	2501	665	1502	2502	240	1503	2503	320	1460	1460	130	1807	1807	50	1806	1806	180	8021	8021	40	1809	2809	385	1810	2810	385	1801	2801	385	1802	1802	900	Other fee (specify) _____			
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1001	2001	385	Utility filing fee	<b>\$770.00</b>																																																																																																	
1002	2002	170	Design filing fee																																																																																																		
1003	2003	265	Plant filing fee																																																																																																		
1004	2004	385	Reissue filing fee																																																																																																		
1005	2005	80	Provisional filing fee																																																																																																		
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1203	290	2203	145	Multiple dependent claim, if not paid																																																																																																	
1204	86	2204	43	** Reissue independent claims over original patent																																																																																																	
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**or number previously paid, if greater; For Reissues, see above																																																																																																					
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SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Donald R. Studebaker	Registration No. (Attorney/Agent)	32,815	Telephone	(202) 585-8000
Signature				Date	February 23, 2004